

Honour School of Mathematical and Theoretical Physics Part C

SECOND PUBLIC EXAMINATION

Trinity Term 2024

Chair of Examiners: Prof Christopher Beem

| Day | Date | Start | Duration | Paper # | Paper Name | Location |
|-----|--------|-------|----------|----------|-------------------------------------------------------------------|---------------------|
| Tue | 16-Apr | 09:30 | 03:00 | A15272W1 | Advanced Quantum Field Theory for Particle Physics | Examination Schools |
| Wed | 17-Apr | 09:30 | 02:00 | A15271W1 | Advanced Fluid Dynamics | Examination Schools |
| Mon | 27-May | 14:30 | 01:45 | A12206W1 | Perturbation Methods | Examination Schools |
| Tue | 28-May | 09:30 | 01:45 | A12195W1 | Geometric Group Theory | Examination Schools |
| Tue | 28-May | 09:30 | 01:45 | A13387W1 | Analytic Number Theory | Examination Schools |
| Tue | 28-May | 14:30 | 01:45 | A12211W1 | General Relativity I | Examination Schools |
| Wed | 29-May | 09:30 | 01:45 | A12213W1 | Mathematical Geoscience | Examination Schools |
| Wed | 29-May | 14:30 | 01:45 | A12212W1 | General Relativity II | Examination Schools |
| Thu | 30-May | 09:30 | 01:45 | A12196W1 | Differentiable Manifolds | Examination Schools |
| Fri | 31-May | 09:30 | 01:45 | A12207W1 | Applied Complex Variables | Examination Schools |
| Fri | 31-May | 14:30 | 01:45 | A14687W1 | Introduction to Quantum Information | Examination Schools |
| Mon | 03-Jun | 09:30 | 01:45 | A15254W1 | Category Theory | Examination Schools |
| Tue | 04-Jun | 14:30 | 02:00 | A15757W1 | Advanced Quantum Theory: Path Integrals and Many-Particle Physics | Examination Schools |
| Wed | 05-Jun | 09:30 | 01:45 | A17516W1 | Riemannian Geometry | Examination Schools |
| Wed | 05-Jun | 14:30 | 02:00 | A15274W1 | Geophysical Fluid Dynamics | Examination Schools |
| Thu | 06-Jun | 09:30 | 01:45 | A12194W1 | Algebraic Topology | Examination Schools |
| Thu | 06-Jun | 09:30 | 01:45 | A17489W1 | Random Matrix Theory | Examination Schools |
| Thu | 06-Jun | 14:30 | 01:45 | A13388W1 | Combinatorics | Examination Schools |
| Fri | 07-Jun | 09:30 | 01:45 | A17943W1 | Low-Dimensional Topology and Knot Theory | Examination Schools |
| Fri | 07-Jun | 14:30 | 01:45 | A12221W1 | Numerical Linear Algebra | Examination Schools |
| Fri | 07-Jun | 14:30 | 02:00 | A16726W1 | B1. Fluids | Examination Schools |